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| APPLICATION NO.  | FILING DATE                          | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|------------------|--------------------------------------|----------------------|---------------------|------------------|
| 10/563,154       | 01/04/2006                           | Yong Cheol Park      | 46500-000329/US     | 8320             |
|                  | 7590 03/12/201<br>CKEY & PIERCE, P.L | EXAMINER             |                     |                  |
| P.O. BOX 8910    |                                      |                      | PENDLETON, DIONNE   |                  |
| RESTON, VA 20195 |                                      |                      | ART UNIT            | PAPER NUMBER     |
|                  |                                      |                      | 2627                |                  |
|                  |                                      |                      |                     |                  |
|                  |                                      |                      | MAIL DATE           | DELIVERY MODE    |
|                  |                                      |                      | 03/12/2010          | PAPER            |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

|  | Application No.   | Applicant(s)   |  |  |  |  |
|--|---|--|--|--|--|--|
|  | 10/563,154  | PARK, YONG CHEOL   |  |  |  |  |
| Office Action Summary  | Examiner  | Art Unit   |  |  |  |  |
|  | DIONNE H. PENDLETON   | 2627   |  |  |  |  |
| The MAILING DATE of this communication app   | ears on the cover sheet with the c  | orrespondence address  |  |  |  |  |
| Period for Reply   |   |  |  |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period w  - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). | ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE | N. nely filed the mailing date of this communication. D (35 U.S.C. § 133). |  |  |  |  |
| Status   |   |  |  |  |  |  |
| 1) Responsive to communication(s) filed on after   | final filed 2/3/2010.   |  |  |  |  |  |
| ·— · · · · · · · · · · · · · · · · · ·   | action is non-final.  |  |  |  |  |  |
|  |   |  |  |  |  |  |
| closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.  |   |  |  |  |  |  |
| Disposition of Claims  |   |  |  |  |  |  |
| -<br>4)⊠ Claim(s) <u>1 and 3-22</u> is/are pending in the application.   |   |  |  |  |  |  |
| 4a) Of the above claim(s) <u>3-8 and 10-17</u> is/are withdrawn from consideration.  |   |  |  |  |  |  |
| 5) Claim(s) is/are allowed.  |   |  |  |  |  |  |
| 6)⊠ Claim(s) <u>1,9 and 18-22</u> is/are rejected.   |   |  |  |  |  |  |
| 7) Claim(s) is/are objected to.  |   |  |  |  |  |  |
| 8) Claim(s) are subject to restriction and/or  | r election requirement.   |  |  |  |  |  |
| Application Papers   |   |  |  |  |  |  |
| 9) The specification is objected to by the Examine   | r   |  |  |  |  |  |
| 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.   |   |  |  |  |  |  |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  |   |  |  |  |  |  |
| Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).   |   |  |  |  |  |  |
| 11)☐ The oath or declaration is objected to by the Ex  |   | • •  |  |  |  |  |
| Priority under 35 U.S.C. § 119   |   |  |  |  |  |  |
| 12)⊠ Acknowledgment is made of a claim for foreign   | priority under 35 U.S.C. § 119(a)   | -(d) or (f).   |  |  |  |  |
| a)⊠ All b)□ Some * c)□ None of:  |   |  |  |  |  |  |
| 1. Certified copies of the priority documents have been received.  |   |  |  |  |  |  |
| 2. Certified copies of the priority documents have been received in Application No   |   |  |  |  |  |  |
| 3. Copies of the certified copies of the priority documents have been received in this National Stage  |   |  |  |  |  |  |
| application from the International Bureau (PCT Rule 17.2(a)).  |   |  |  |  |  |  |
| * See the attached detailed Office action for a list of the certified copies not received.   |   |  |  |  |  |  |
|  |   |  |  |  |  |  |
| Attachment(s)  |   |  |  |  |  |  |
| 1) Notice of References Cited (PTO-892)  | 4) 🛛 Interview Summary  |  |  |  |  |  |
| 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  | Paper No(s)/Mail Da 5) Notice of Informal P   |  |  |  |  |  |
| Information Disclosure Statement(s) (PTO/SB/08)   Notice of Informal Patent Application   Paper No(s)/Mail Date   Other:   |   |  |  |  |  |  |